



UP-COAX-TX-RX

IP / PoE extender via coaxial cable

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- Distances up to 300m
- PoE 802.1af and at
- Power supply exclusively via PoE



The UP-COAX-TX/RX series devices transmit 10/100Mbps Ethernet and PoE/PoE+ with coaxial cable up to a distance of 300m. The devices are supplied and used in pairs, the UP-COAX-TX on the camera side and the UP-COAX-RX on the server side. The extenders make it possible to pass on the PoE supply, e.g. of a midspan, directly via coaxial cable. Power is supplied exclusively via PoE, i.e. even if the camera does not require PoE, a PoE injector, midspan or switch must be used at the beginning of the line. The devices do not require any software configuration. Diagnostic LEDs provide an overview of the operating status. The modules of the UP-COAX-TX/RX series are designed as table-top models. Several units can be joined together laterally.



Technical data

General properties

supply voltage	Power is supplied exclusively via PoE Even if the camera does not require PoE, a PoE injector, midspan or switch must be used at the beginning of the link.
operating temperature	-10 bis +55°C
dimensions	113 x 46 x 29mm, LxBxH
weight	0,1kg

interfaces

copper ports	1 x 10/100BaseT, RJ45, Poe and PoE+ The PoE power for the camera side is strongly dependent on the cable length and the cable quality. By increasing the PoE voltage on the central side up to the maximum allowed 57VDC the PoE power for the camera can be increased.
extender ports	1 x Koaxialkabel, BNC Buchse
transmission cable	1 x coaxial cable, BNC female
Transmission distance	The maximum transmission distance when using the above cable types is approx. 300m. The maximum data rate is approx. 50MBit/s. maximale Datenrate beträgt ca. 50MBit/s

network properties

standards	Compatible with multiple network protocols including IEEE802.3, 802.3u, 802.3x Supports jumbo frames Tag transparent
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Product variants



UP-COAX-TX, camera side, image BNC side



UP-COAX-RX, server side, picture RJ45 side

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